

FIG. 1(a)

FIG. 1(b)

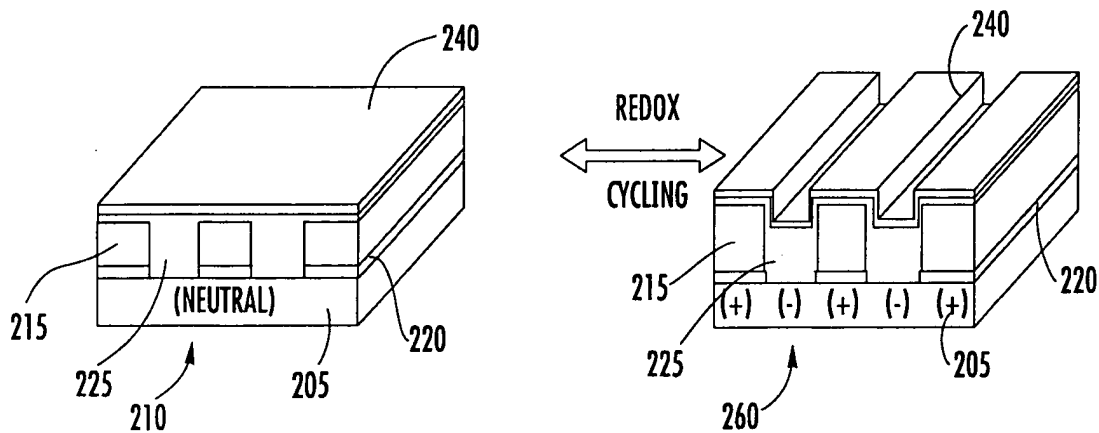


FIG. 2(a)

FIG. 2(b)

2/6

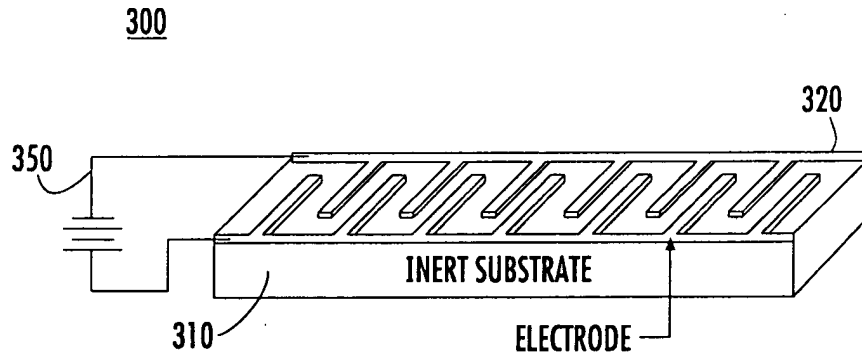


FIG. 3

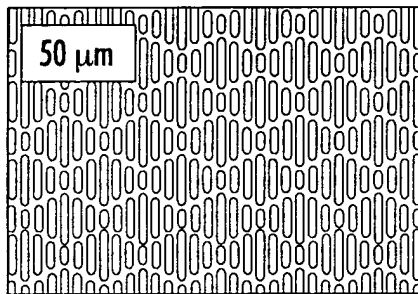


FIG. 4(a)

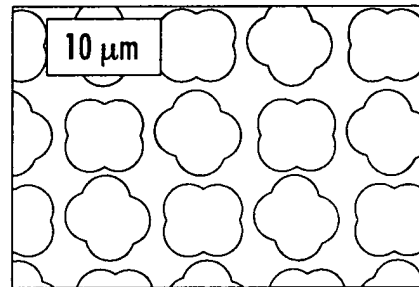


FIG. 4(b)

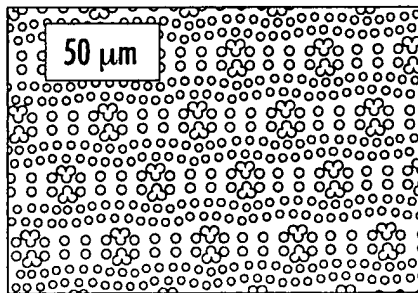


FIG. 4(c)

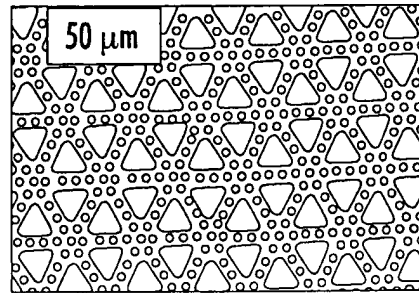


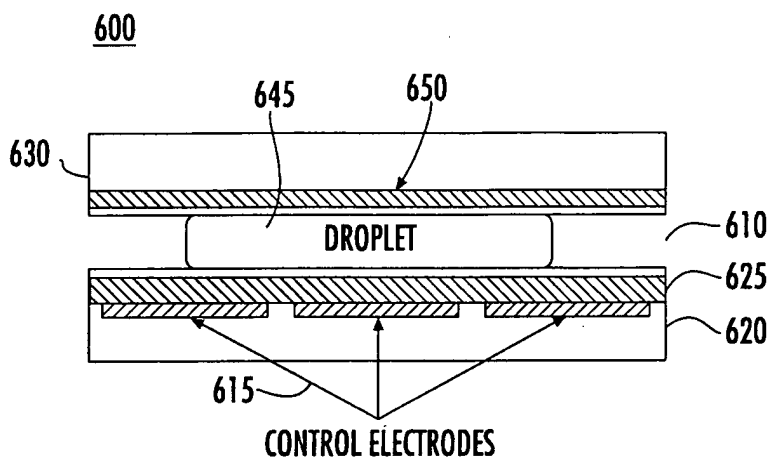
FIG. 4(d)

3/6

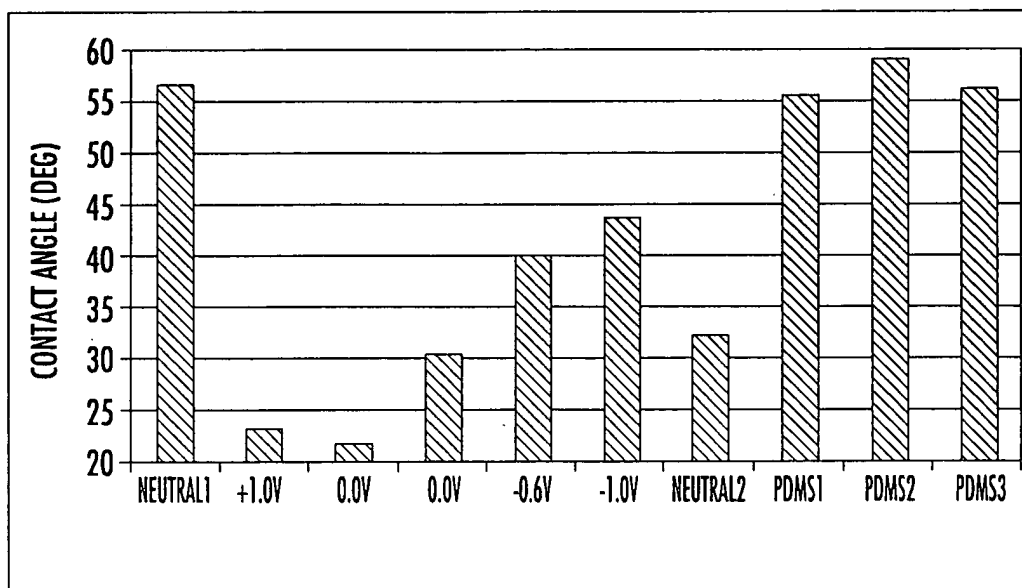
	DEPTH ( $\mu\text{m}$ )	SPACING ( $\mu\text{m}$ )	WIDTH ( $\mu\text{m}$ )	ROUGHNESS FACTOR
RIBLET	5	2	2	5.0
	8	2	2	7.3
	10	2	2	8.9
STAR/CLOVER	5	2	4	4.5
	8	2	4	6.6
	10	2	4	8.0
	5	2	2,4	3.6
	8	2	2,4	5.2
	10	2	2,4	6.2
GRADIENT	5	1,2,3,4	2	2.8
	8	1,2,3,4	2	3.8
	10	1,2,3,4	2	4.5
TRIANGLE/CIRCLE	5	1	1,5	7.5
	5	2	2,10	4.2
	5	3	3,15	3.2
	8	1	1,5	11.3
	8	2	2,10	6.2
	8	3	3,15	4.4
	10	1	1,5	13.9
	10	2	2,10	7.5
	10	3	3,15	5.3

FIG. 5

4/6



**FIG. 6**



5/6

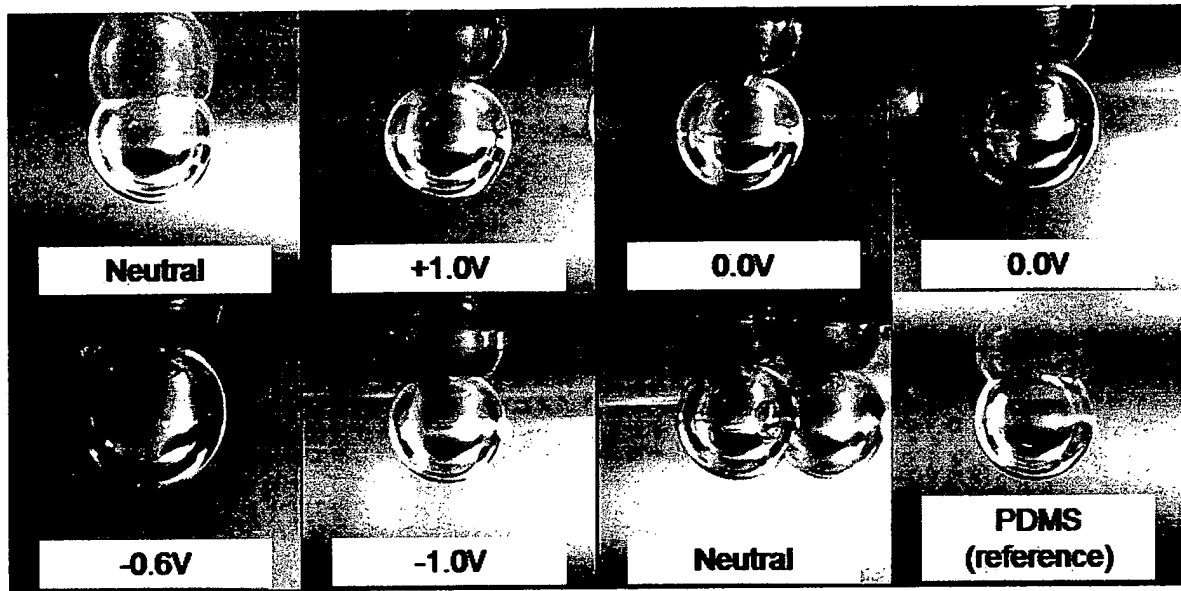


FIG. 8

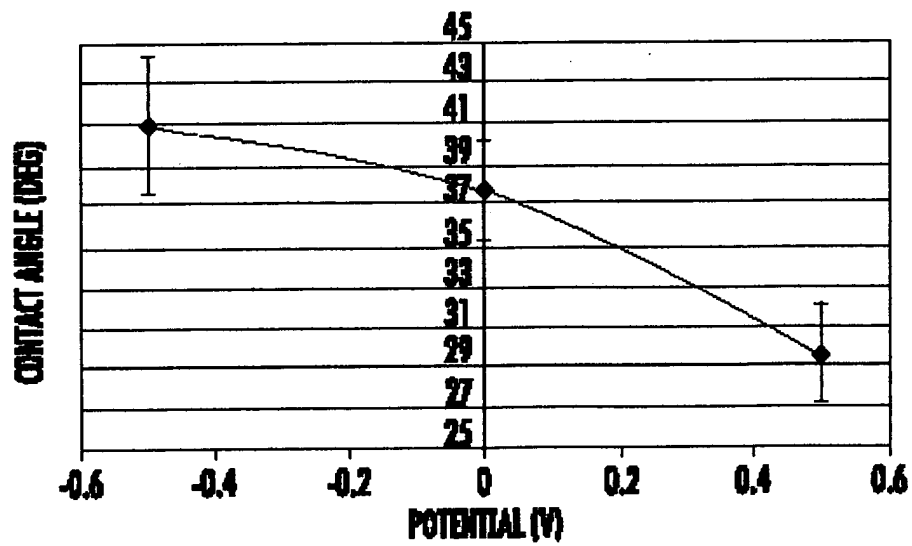


FIG. 9

6/6

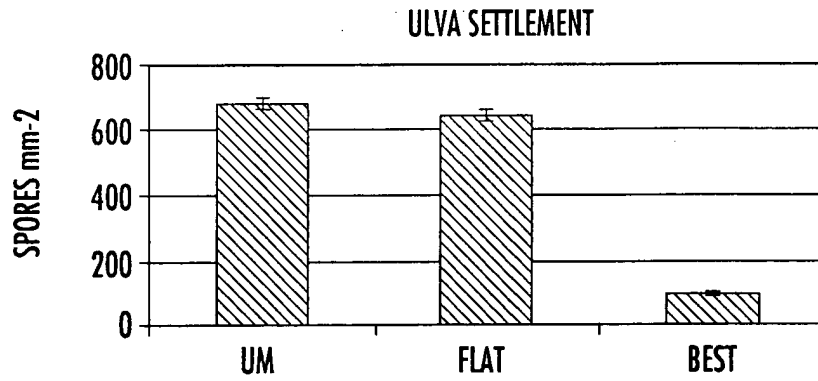


FIG. 10



FIG. 11(a)



FIG. 11(b)